- 2. (6 pts) (a) Arrange the following atoms in order of increasing electronegativity: N, O, K.
 - (b) What type of bond would each of those atoms make with another O atom (polar, nonpolar or ionic)?

i.	N	
ii.	0	

iii. K

3. (7 pts.) The cyanate ion (NCO⁻) has three possible Lewis structures. Draw these three Lewis structures and determine which structure is the preferred one. Explain why.